

Fig. 1

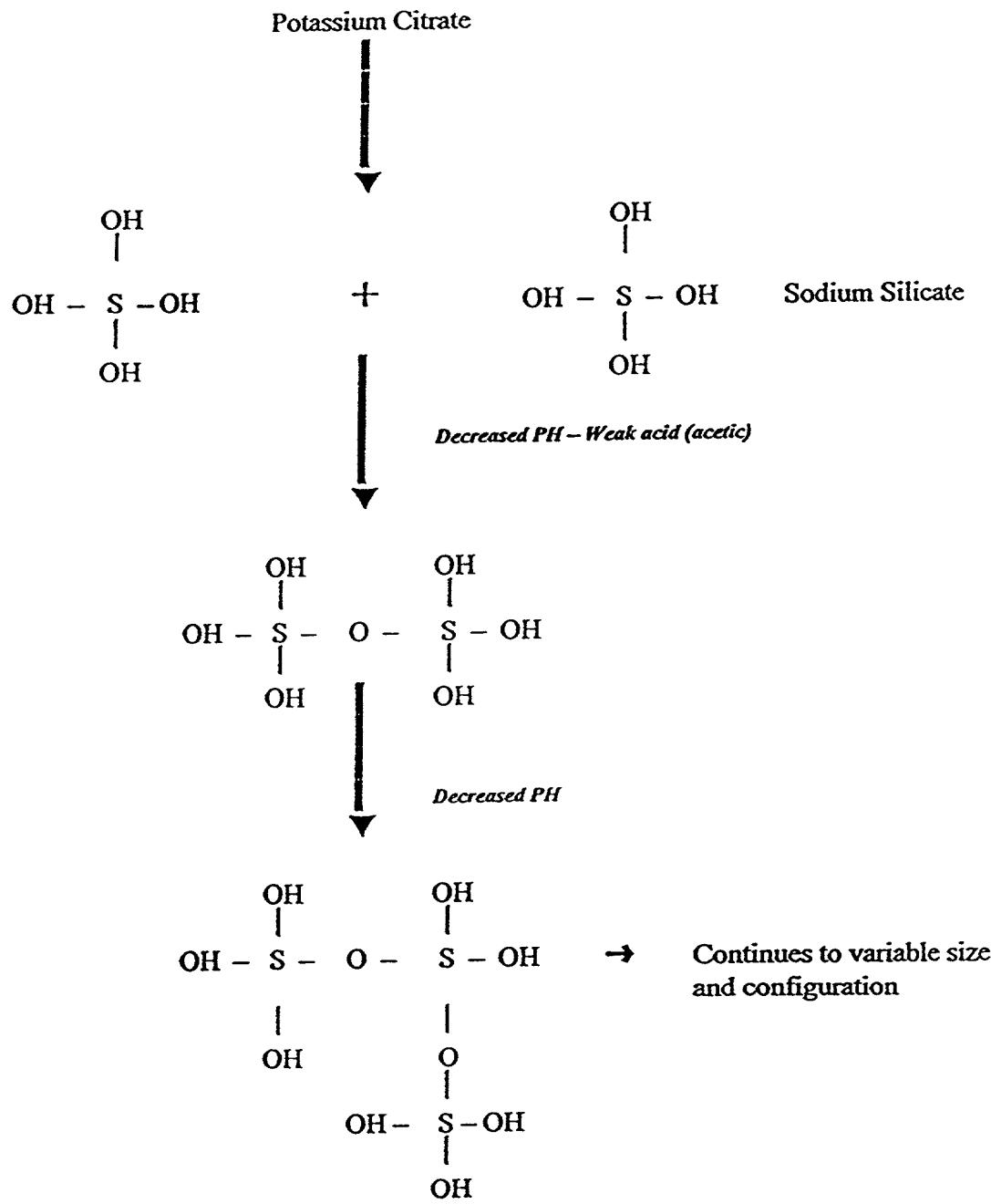
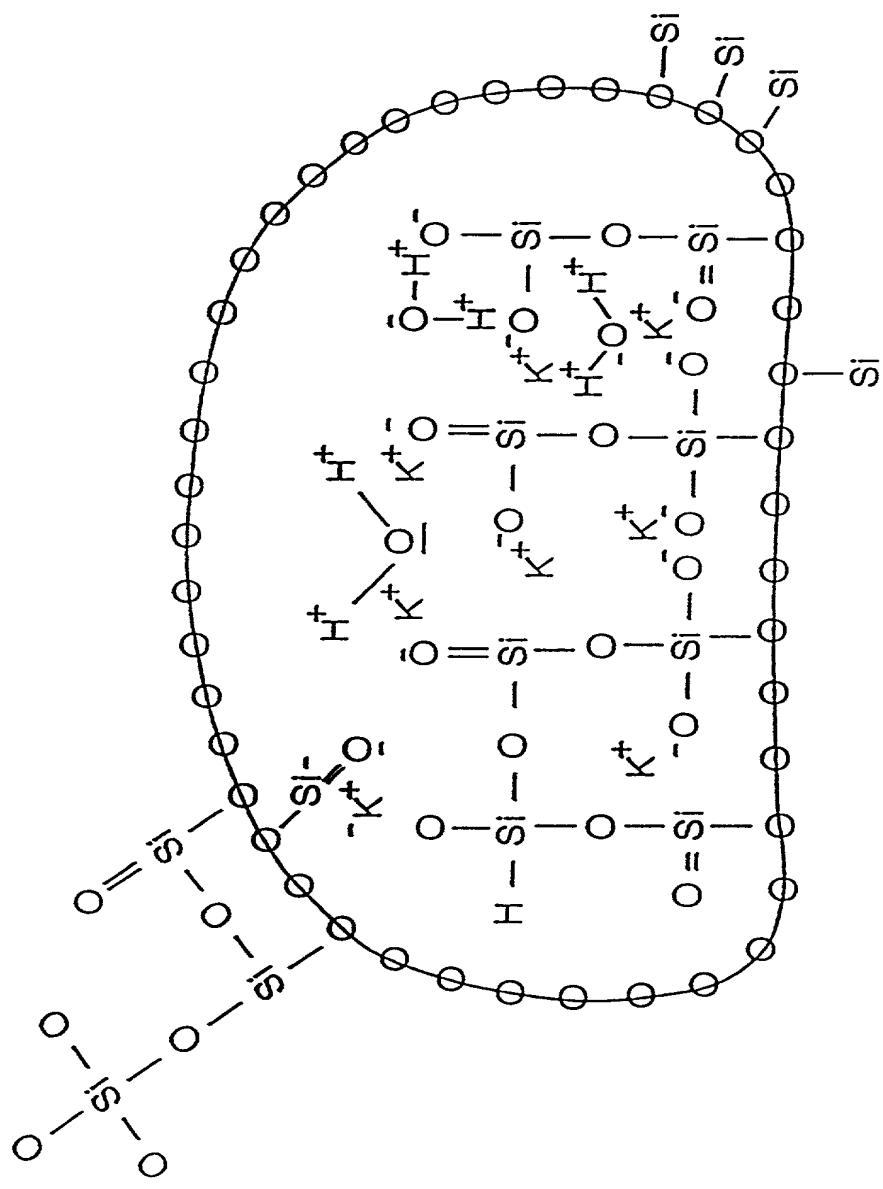


Fig. 2

FIG. 3



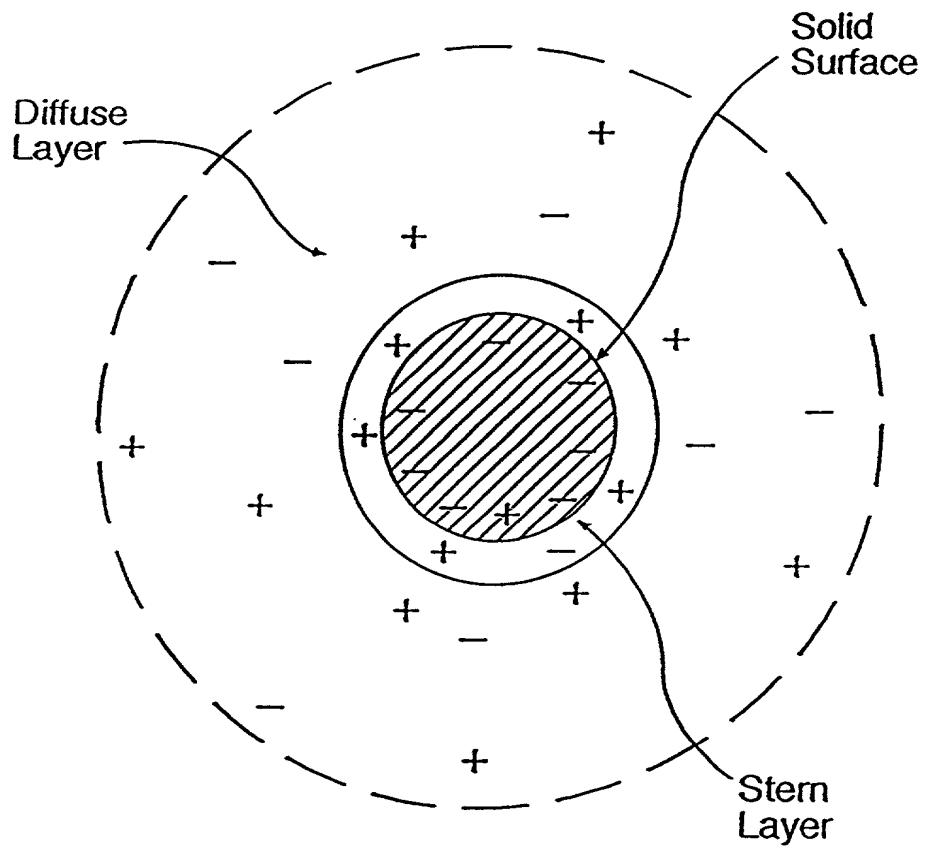


FIG. 4

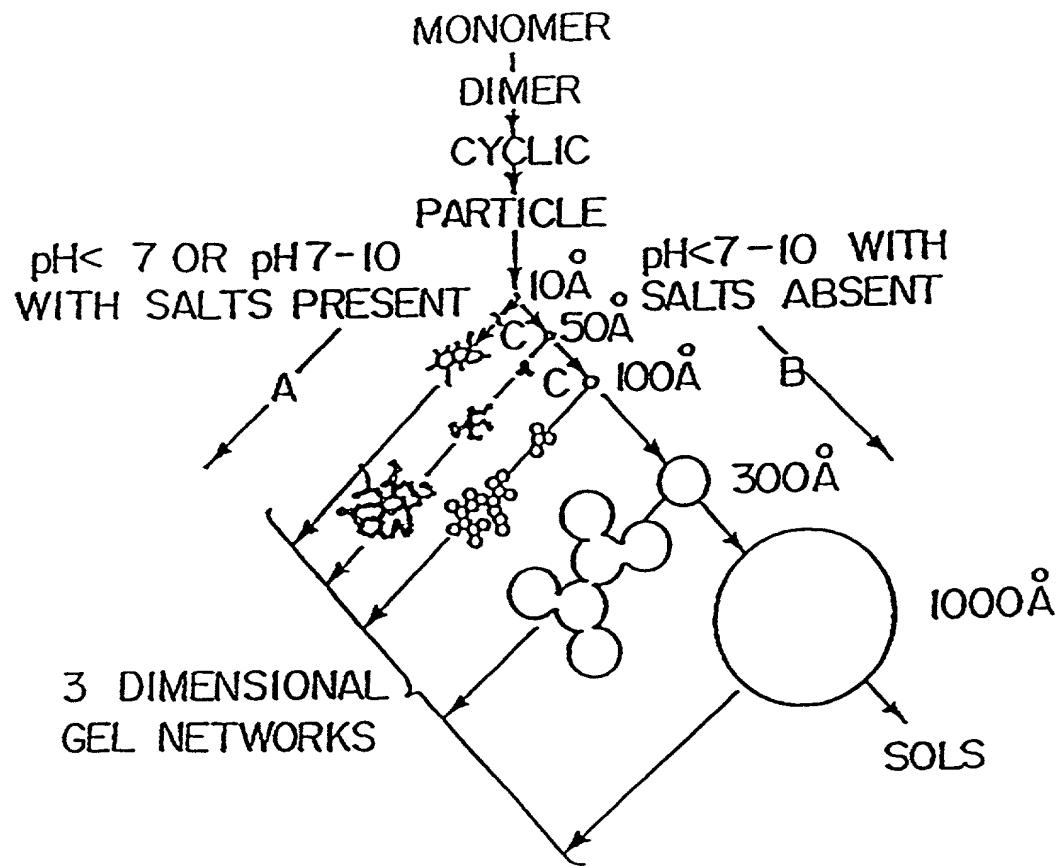


FIG. 5

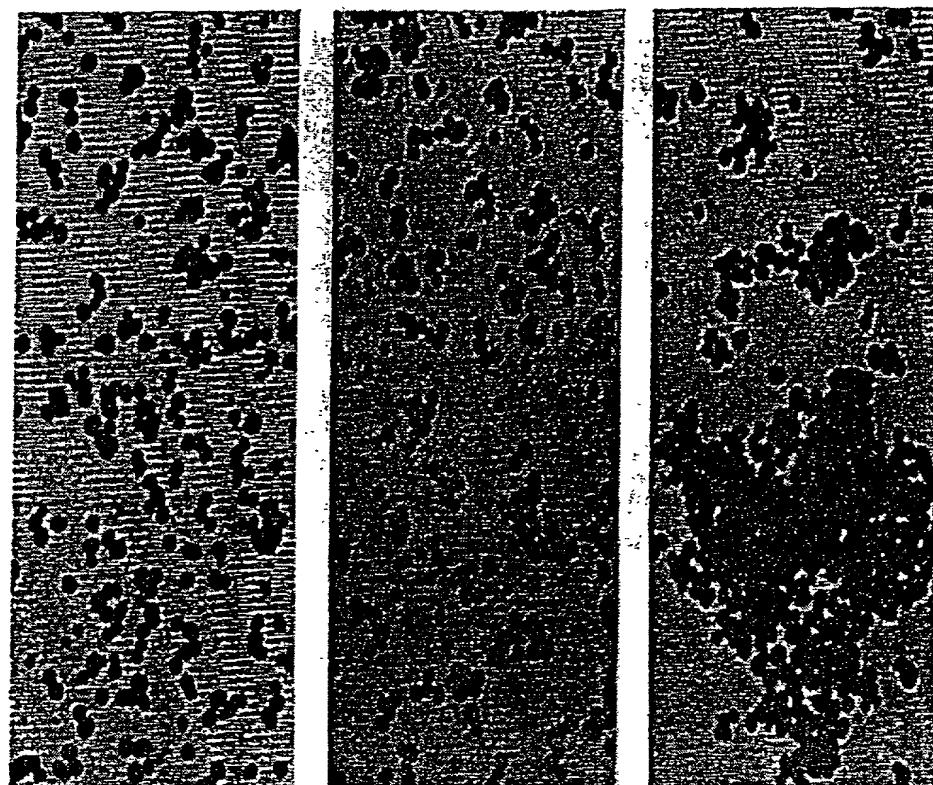
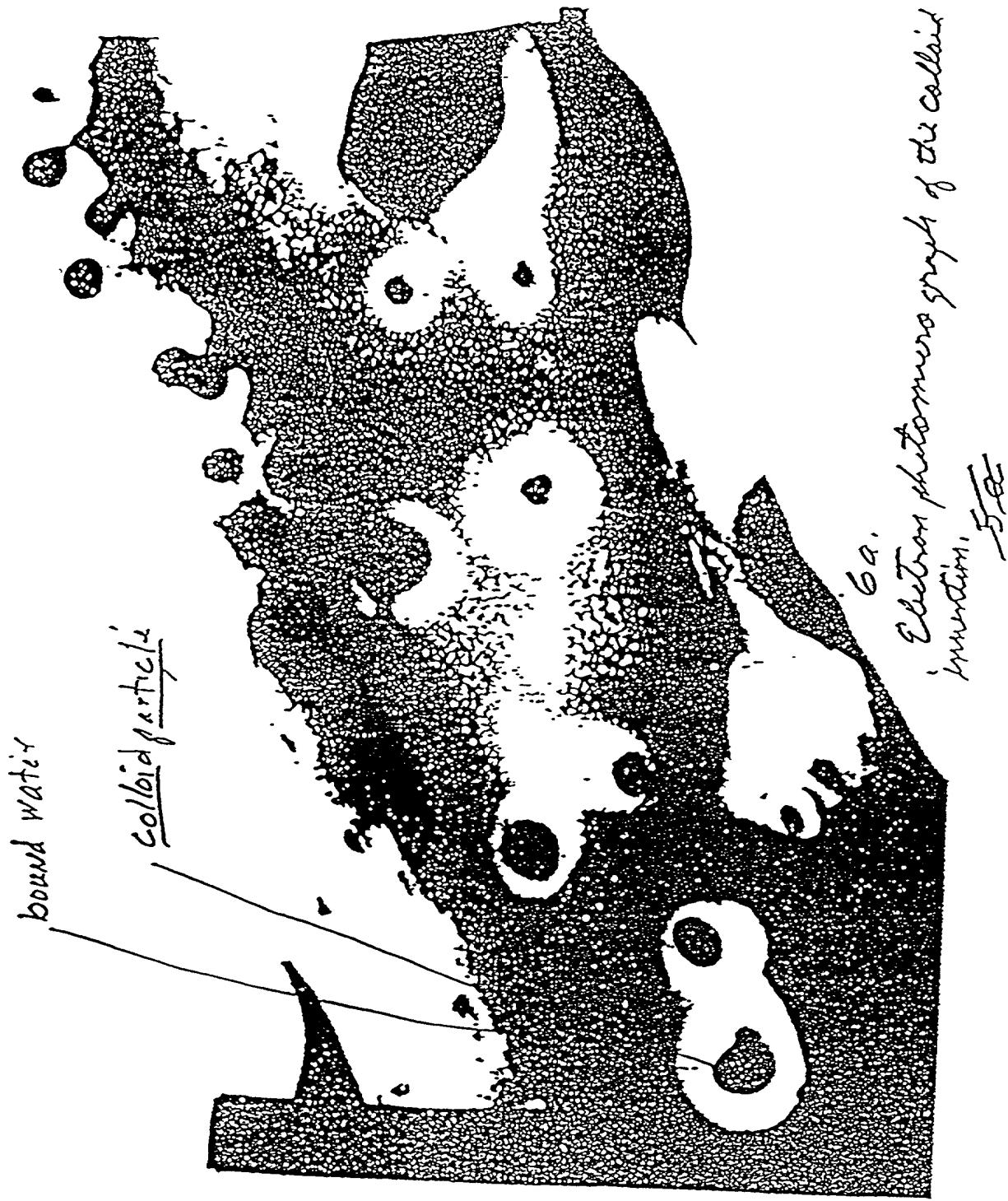
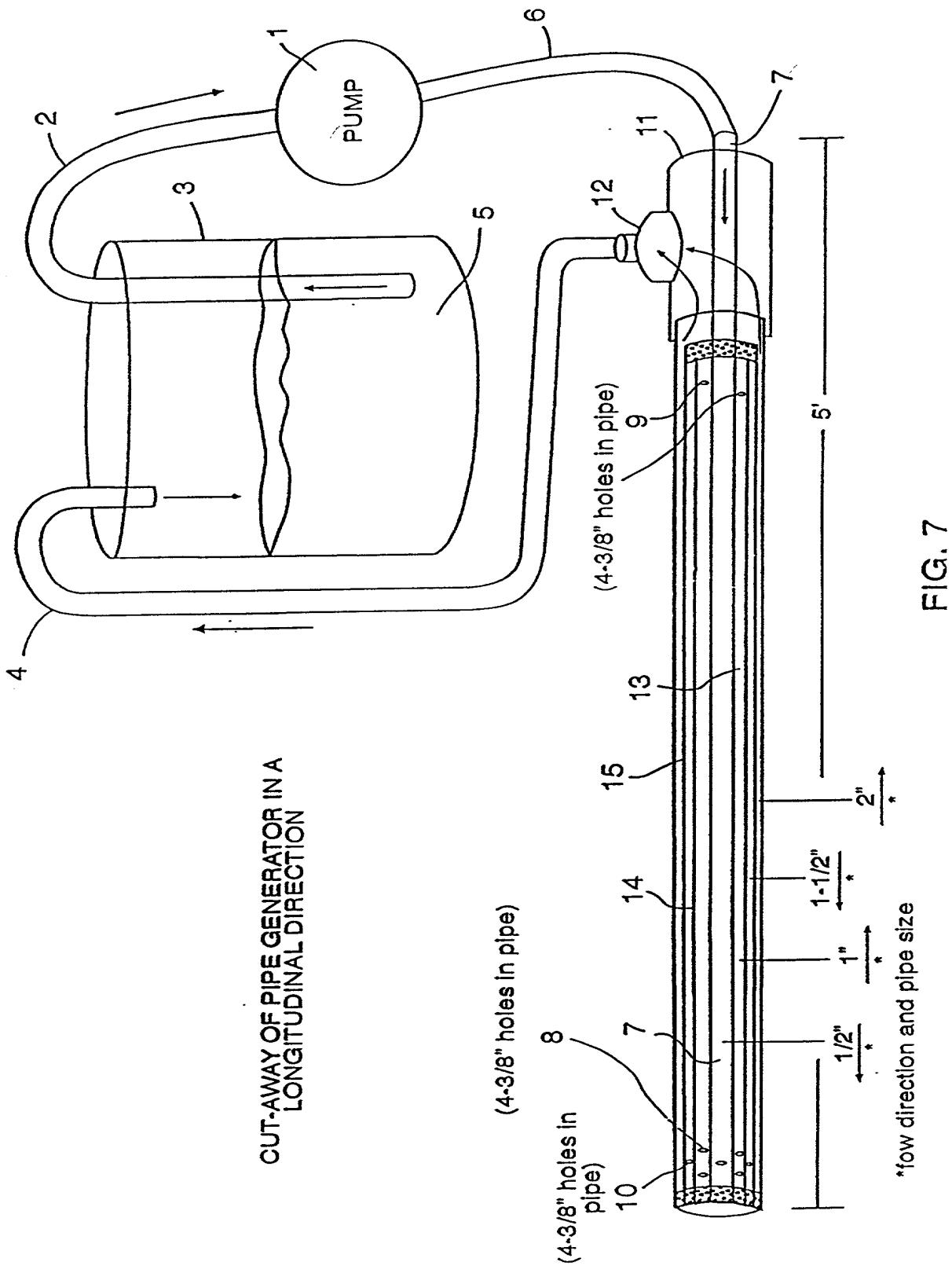


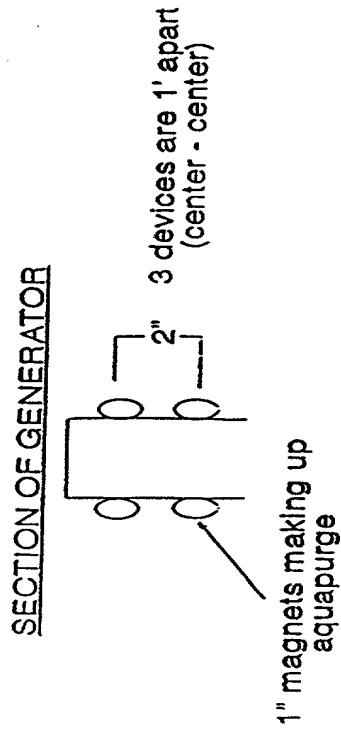
FIG. 26.—Electron micrographs showing stages of aggregation of 35 millimicron silica particles: *left*, colloidal aggregates; *center*, aggregates approaching colloidal size; *right*, supercolloidal aggregates or precipitate.

FIG. 6





SECTION OF GENERATOR



(A)
CUT-AWAY OF PIPE GENERATOR IN A
LONGITUDINAL DIRECTION

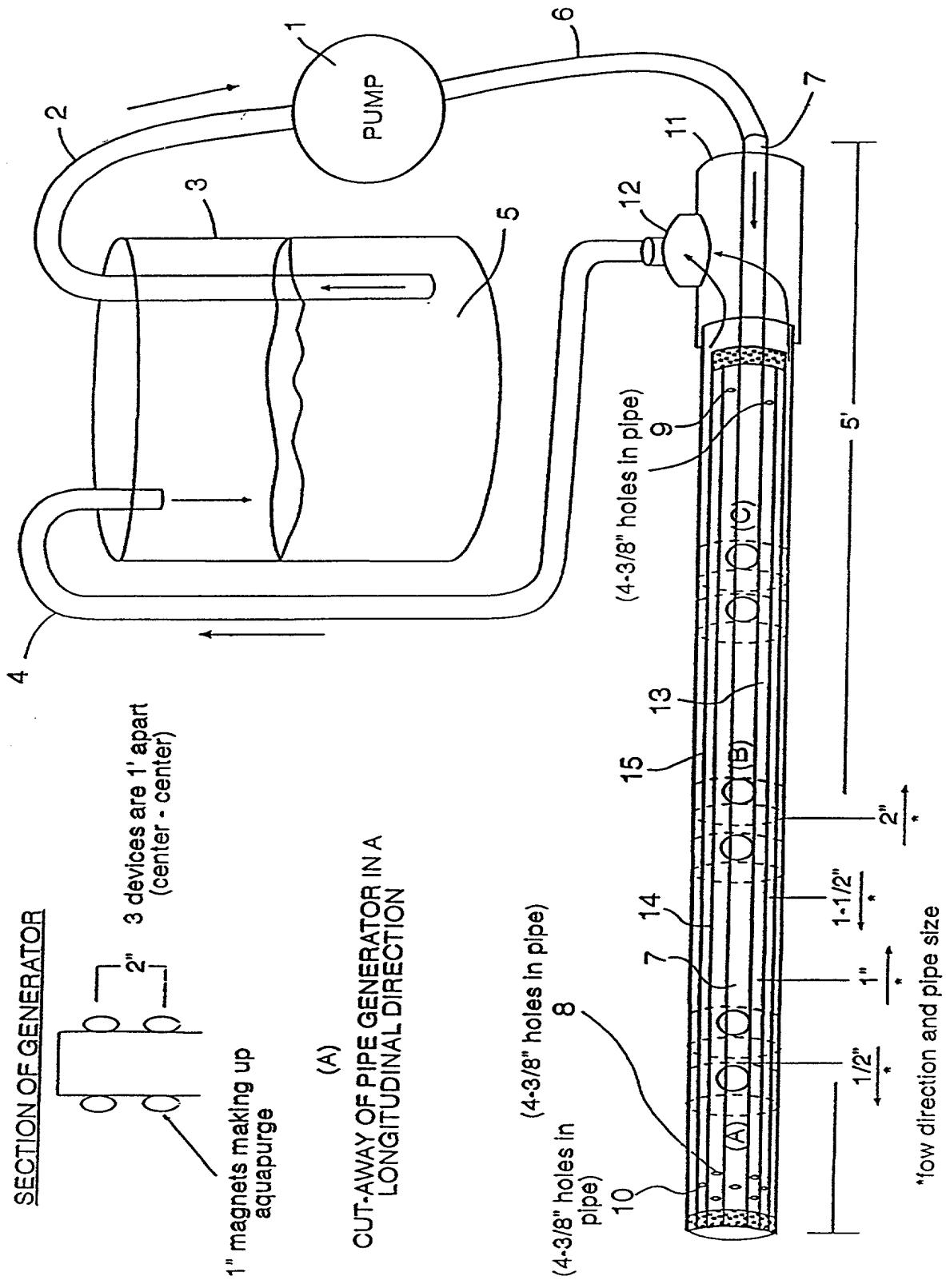
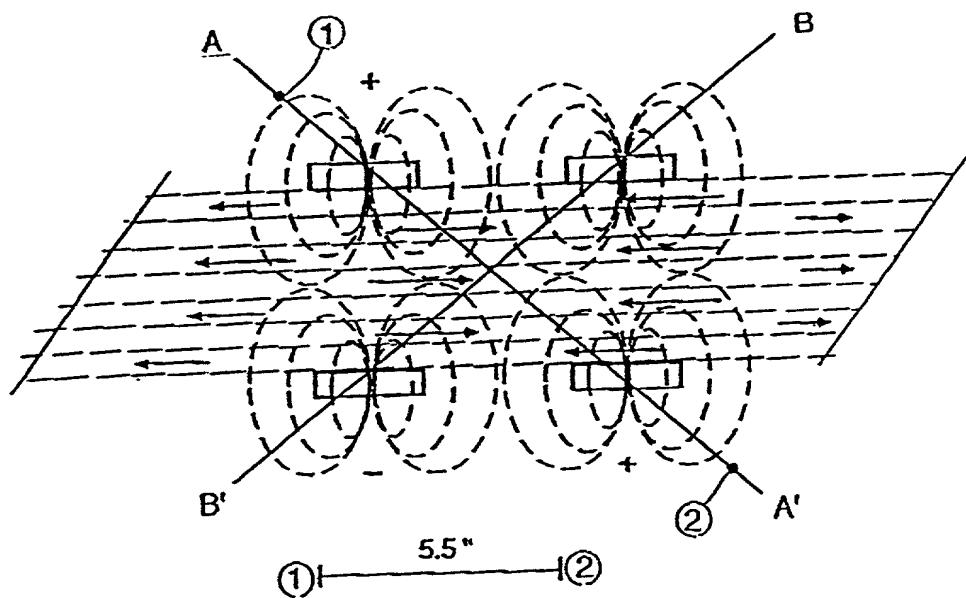


FIG. 8

Cross sectional view of counter current generator of the invention
with lines A-A' and B-B' noted for measurement purposes.



Plot of Gradients in "z" axis

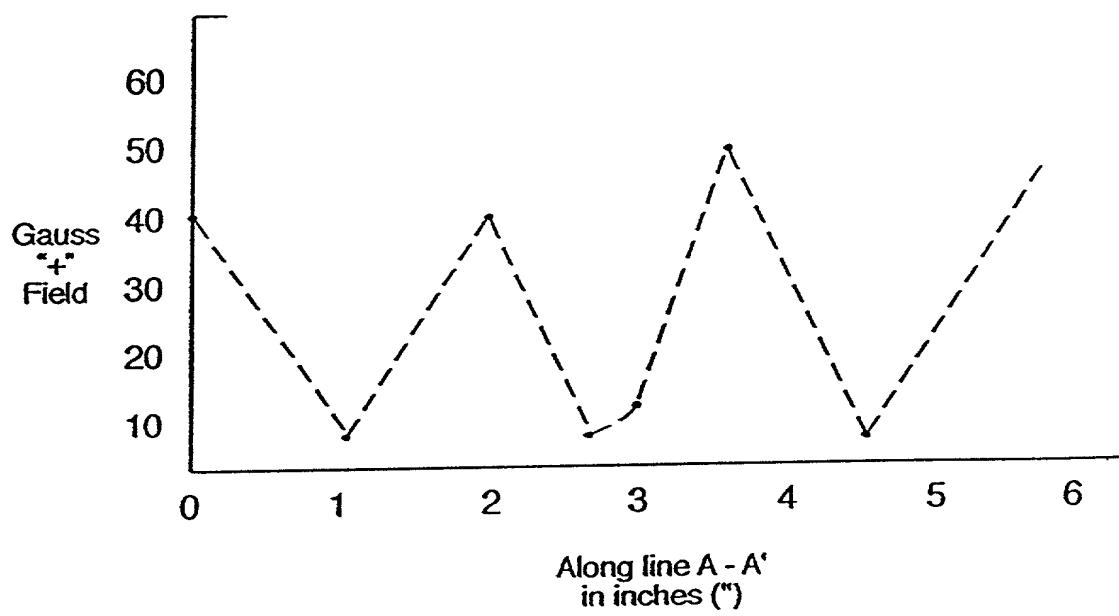


FIG. 9

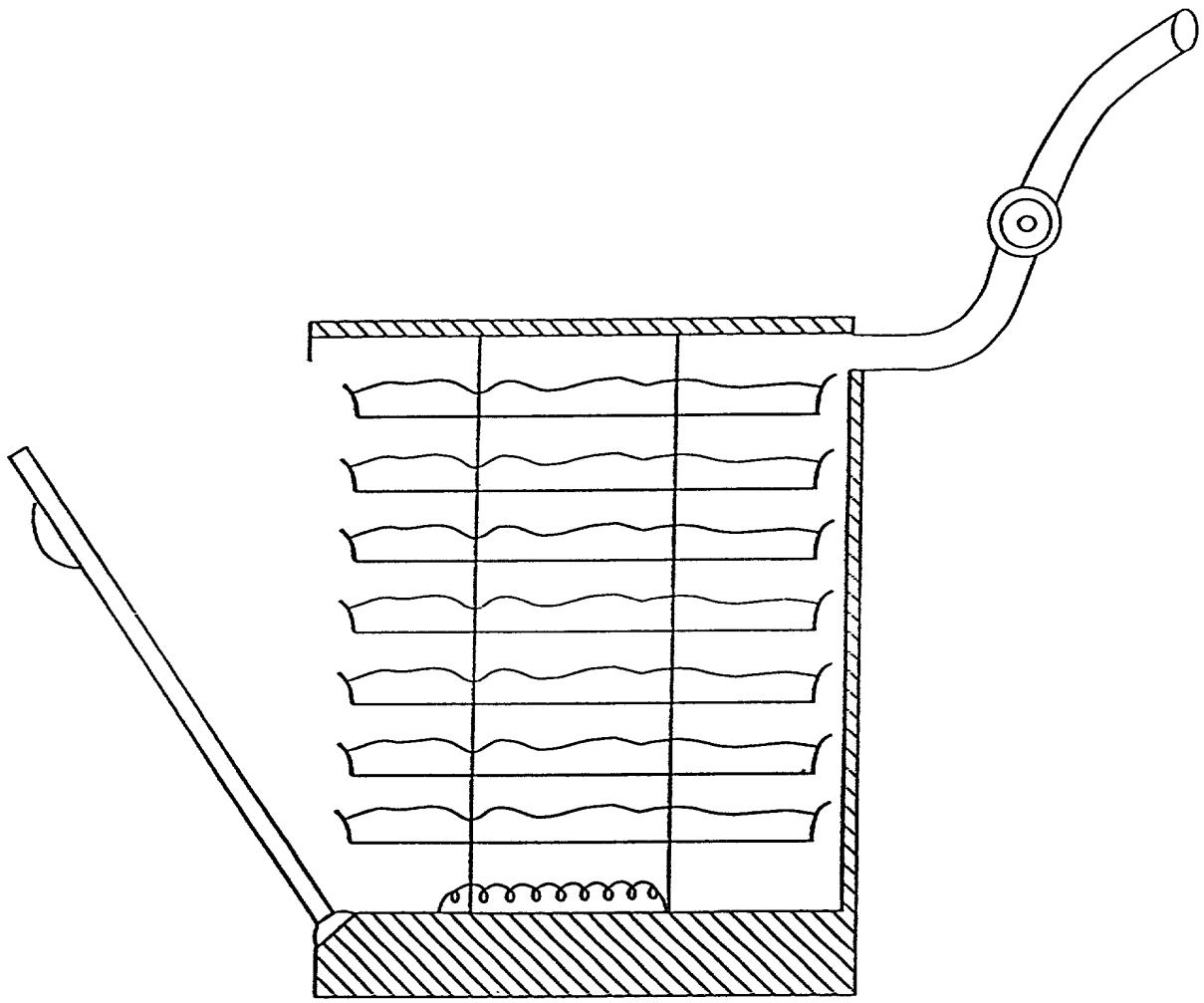


FIG. 10

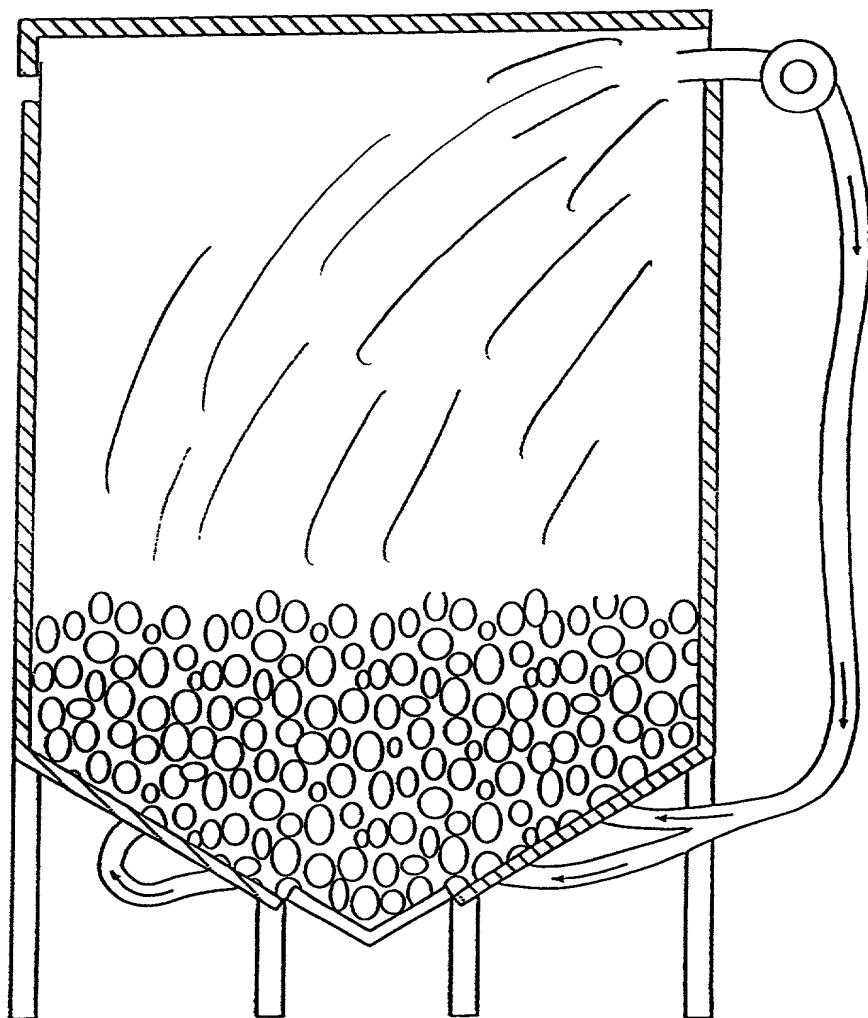


FIG. 11

INNOVATION
WATER FILTER

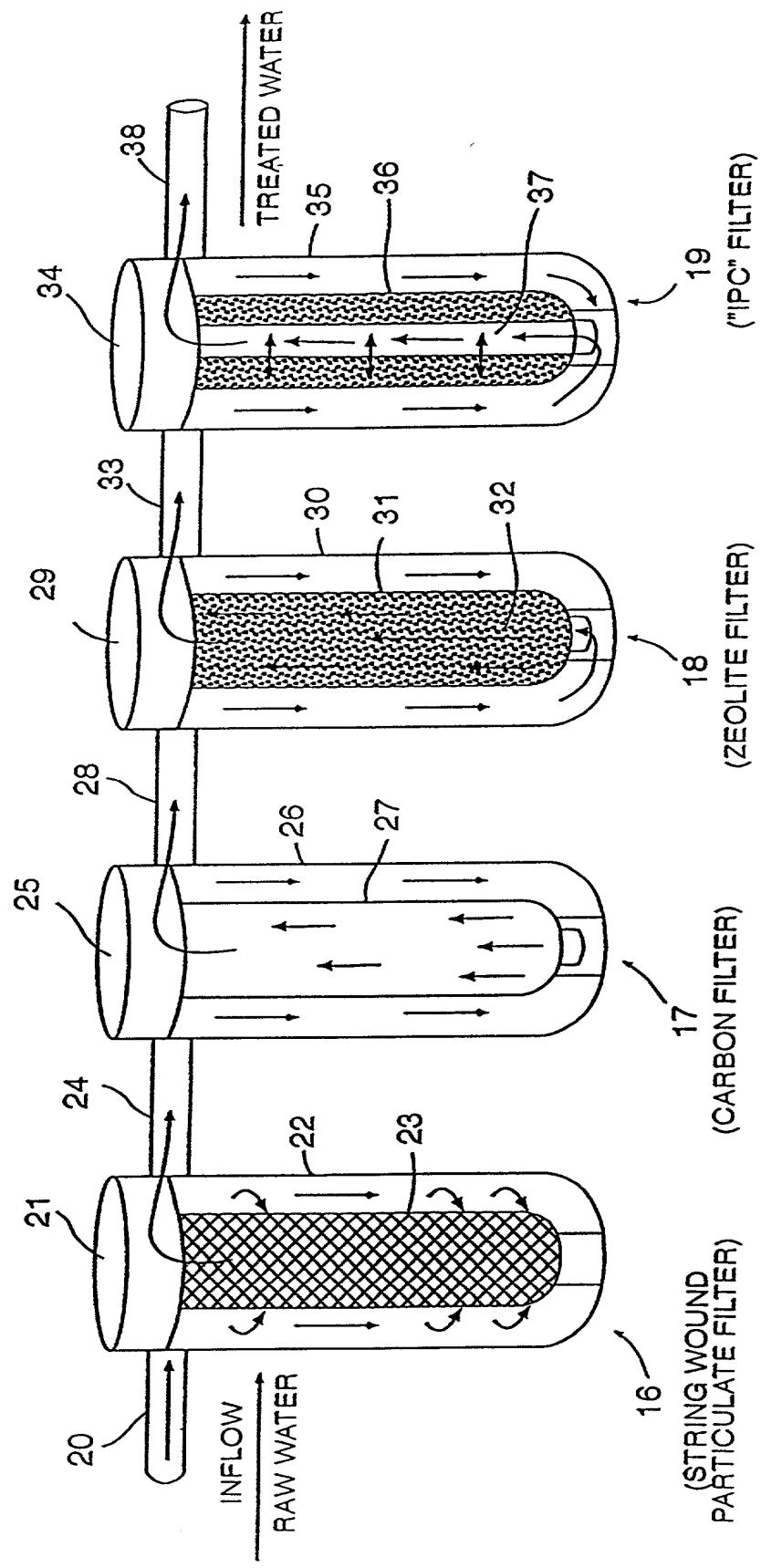


FIG. 12

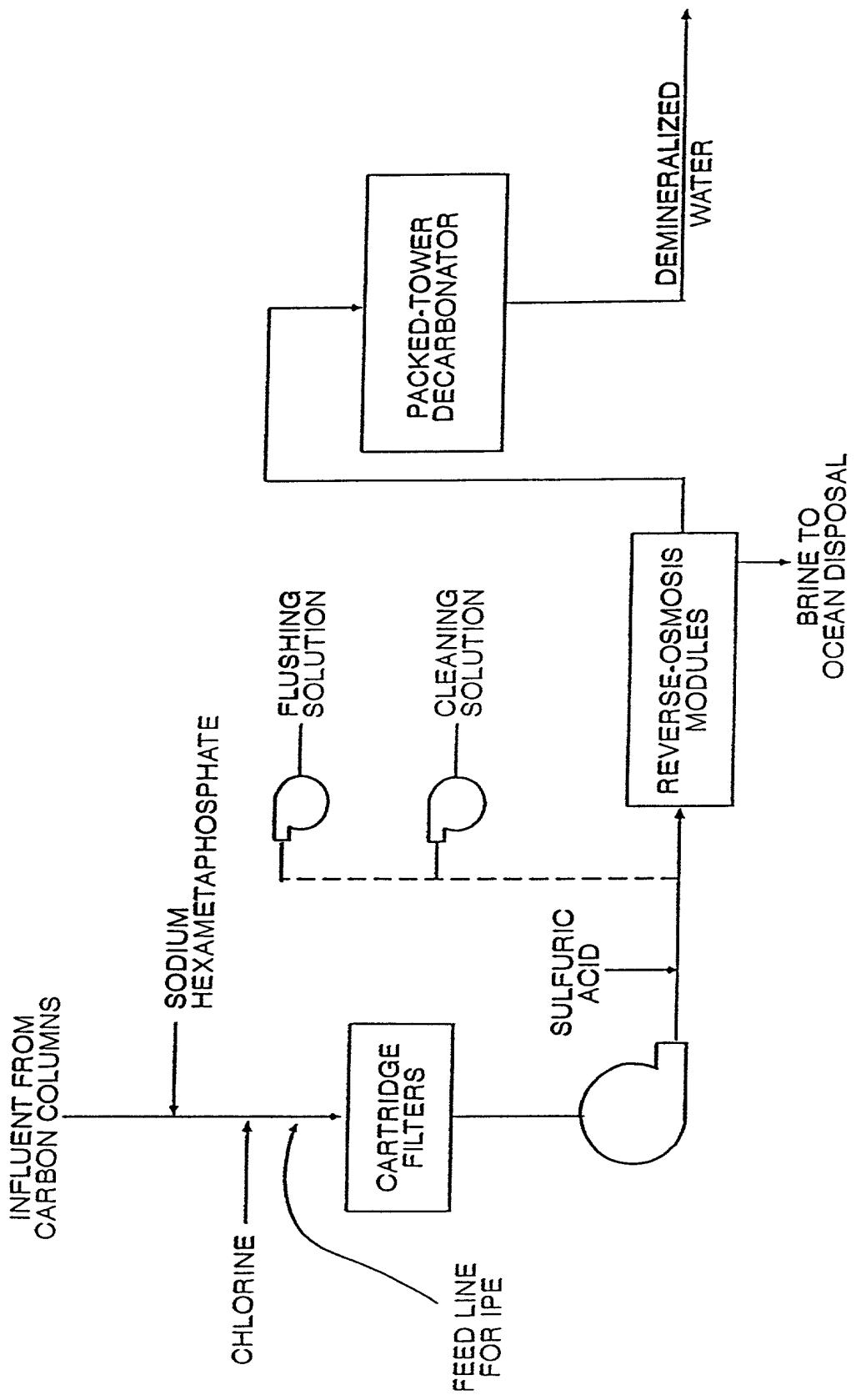


FIG. 26 13

**HOME WATER SOFTENER,
WITH AUTOMATIC
CONTROLLER FOR
REGENERATION AND SERVICE**

IPC CONVERSON

(CONTROL VALVE
MECHANISM)

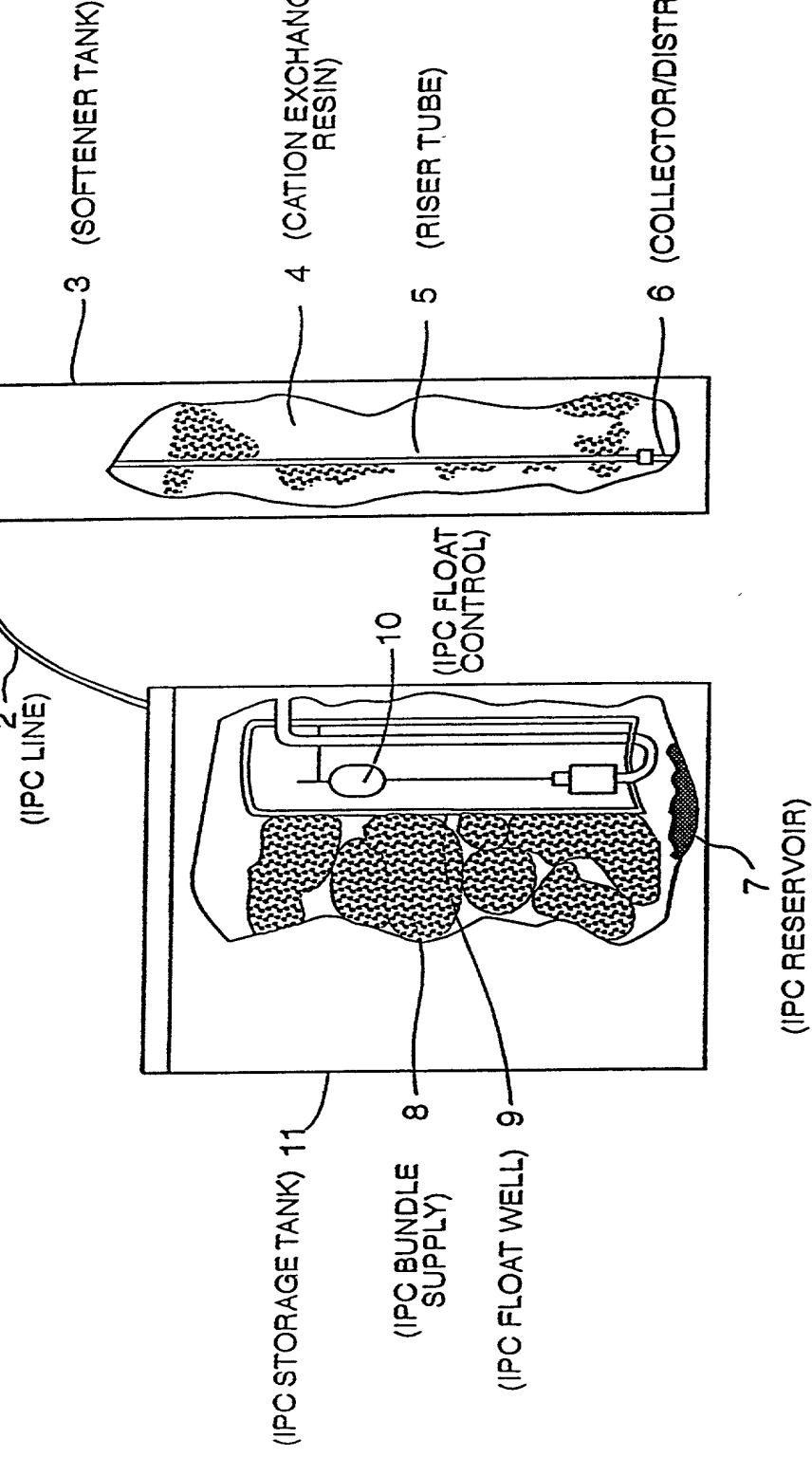


FIG. 14

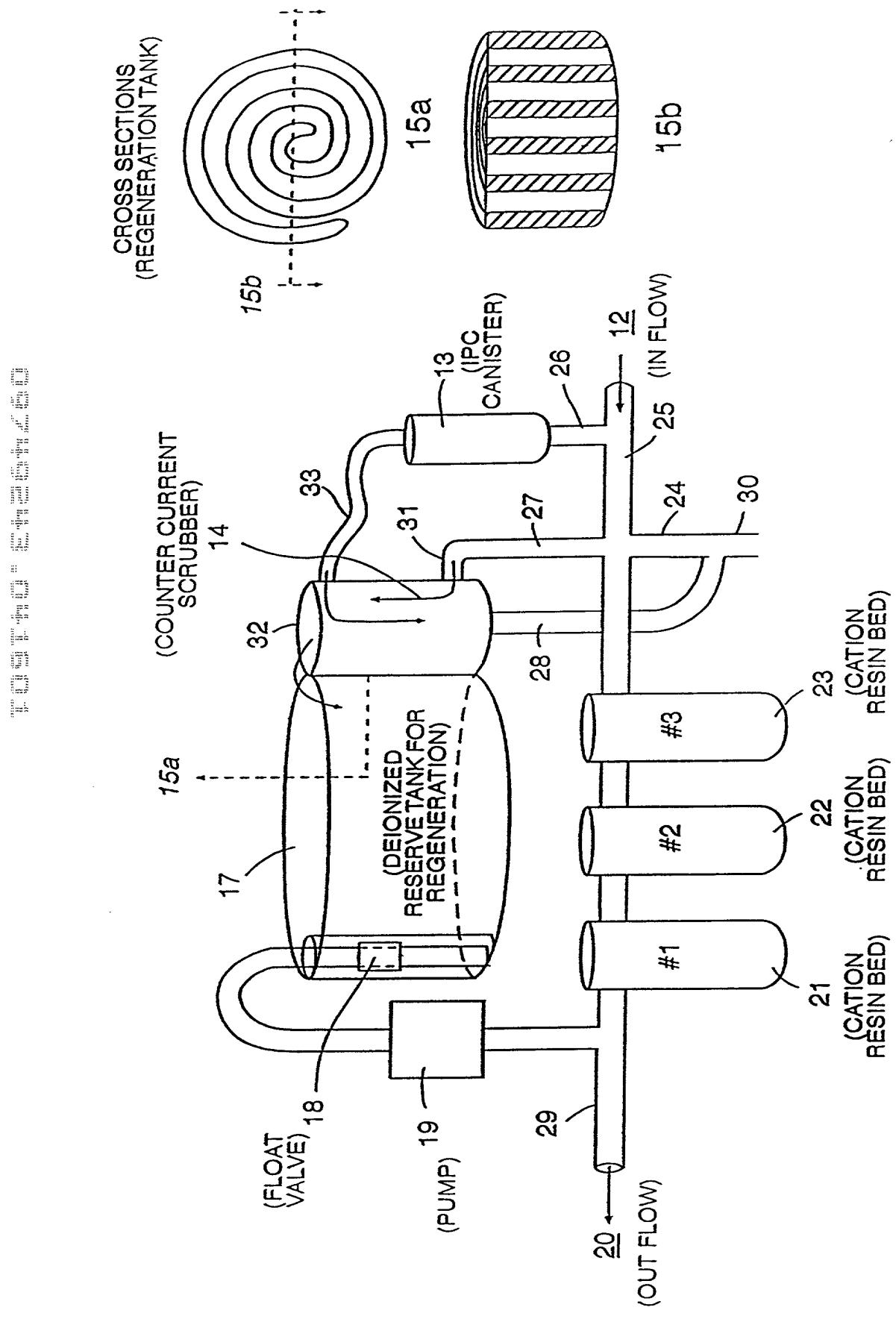


FIG. 15

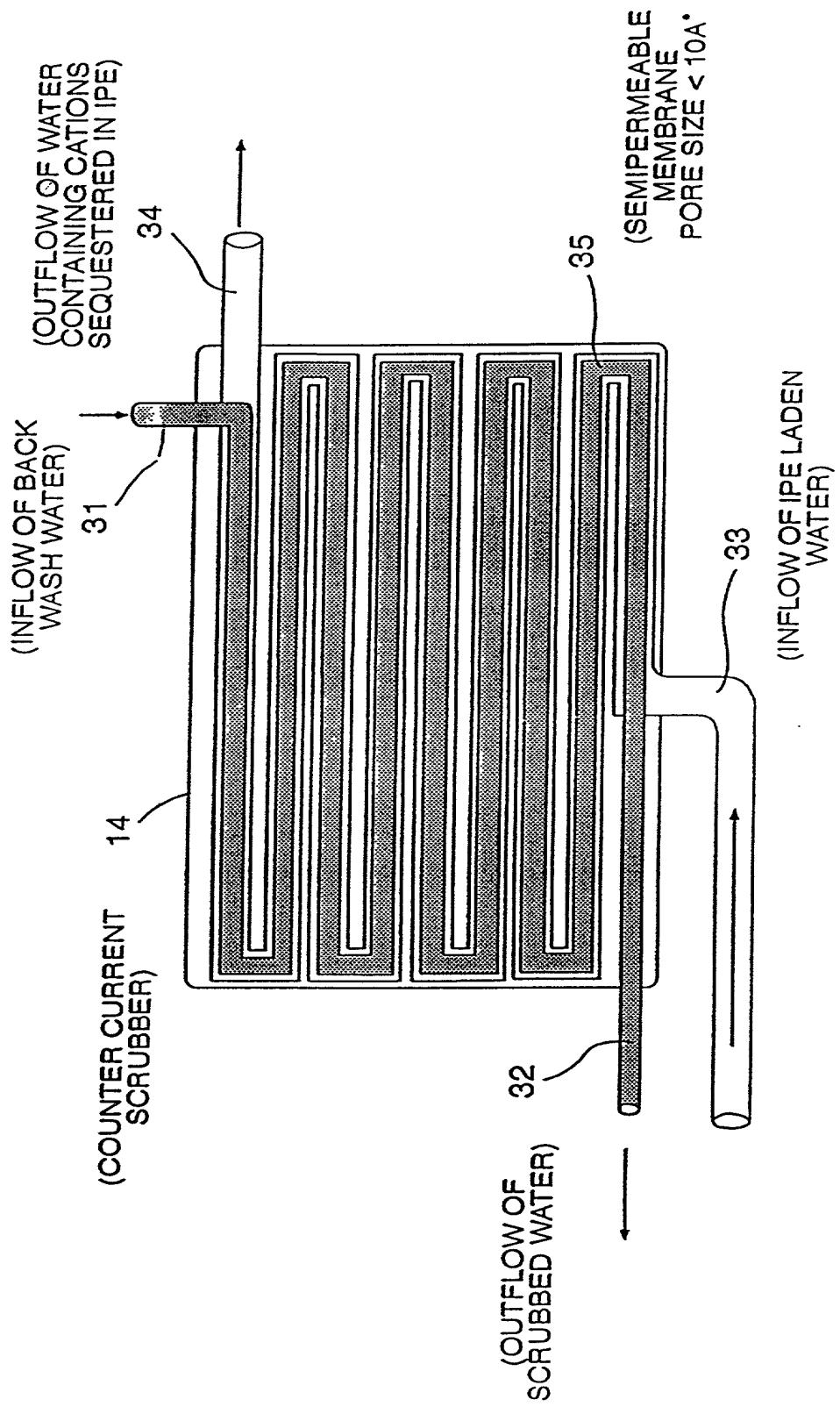


FIG. 16

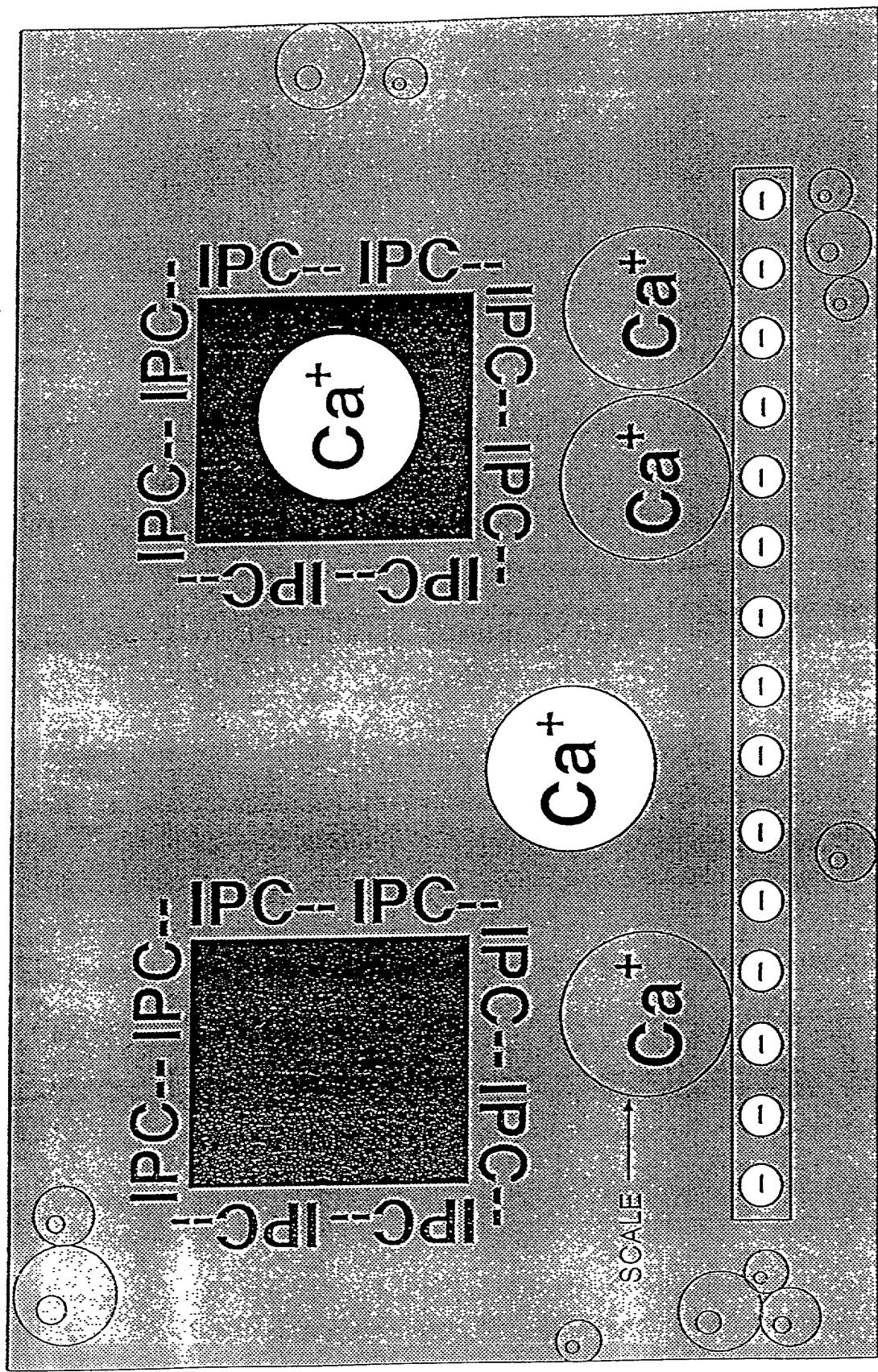


FIG. 17

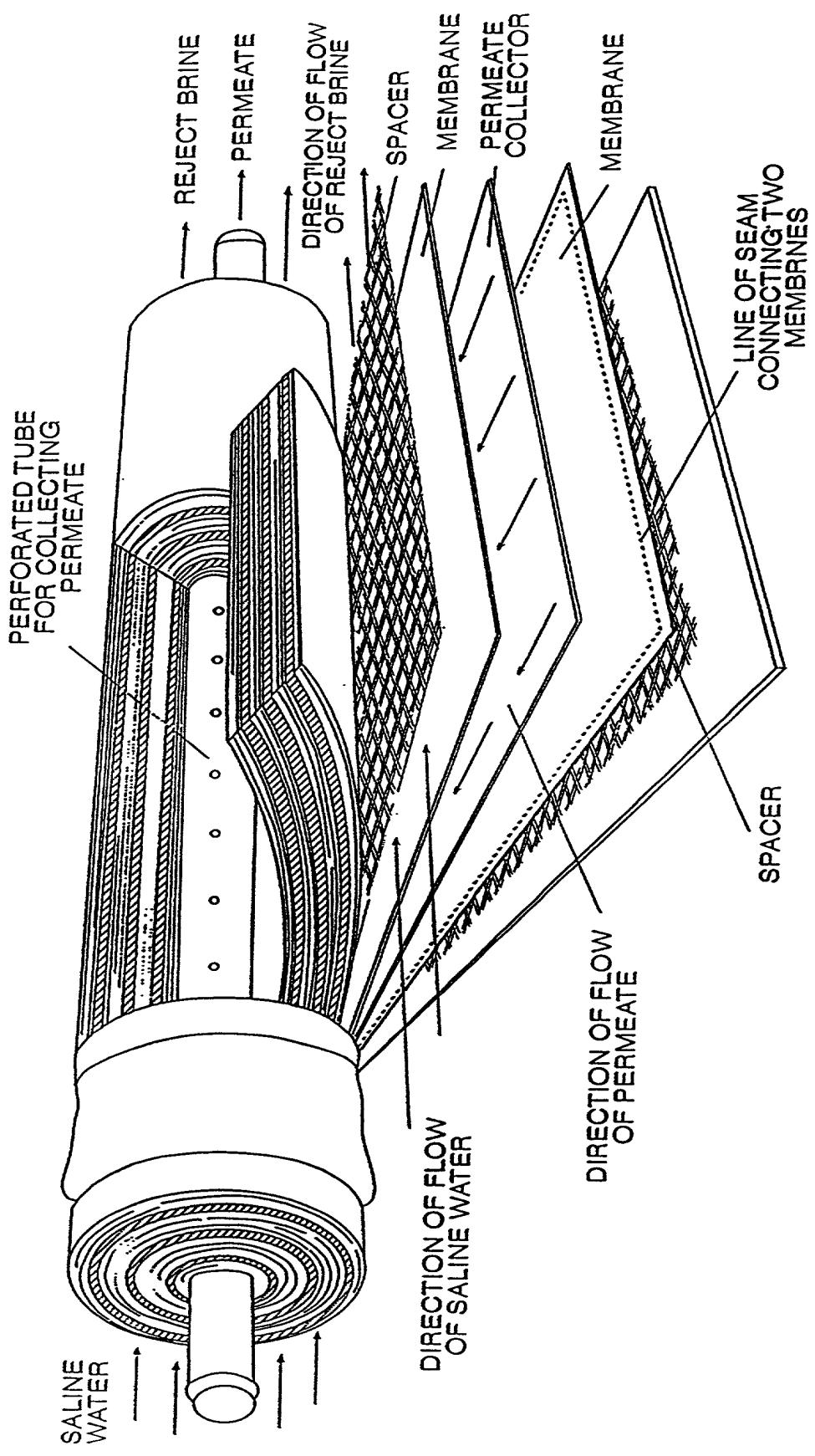


FIG. 18

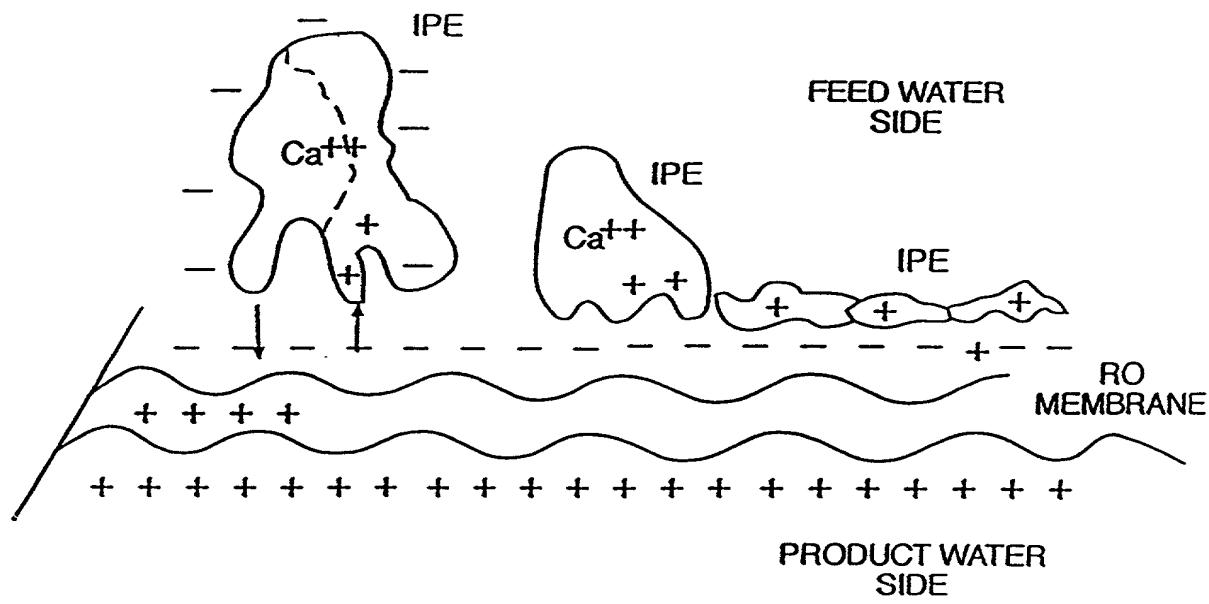
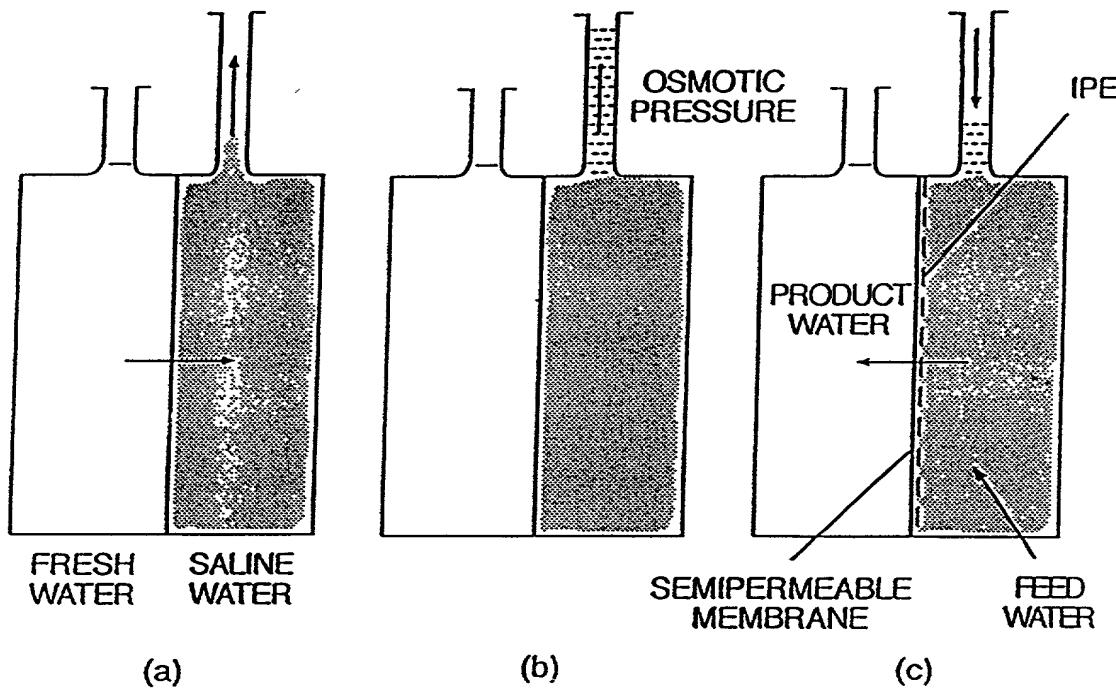


FIG. 19